

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [1775] 10 Meter QRP
Message-ID: <Pine.SUN.3.91-FP.950717130609.19305B-100000@cap1.capaccess.org>

This past weekend I stumbled into a 10-10 contest and a moderately open 10 meter band. I first got on the air about 2245 EDT on Saturday night and worked Missouri with 50 watts from Northern Virginia. Since the band seemed active, I dropped to 5 watts out, the lowest I can get on my Yaesu FT-840. Over the next 1 1/2 hours I worked Kansas, Mississippi, Missouri again, Arkansas, and the next morning, still at 5 watts, Florida several times and Alabama. Not record setting DX by any means, but for 5 watts ssb to a 100 foot long wire at 25 feet, testimony to the value of low power.

Considering the low sunspot count, I guess 10 meters can still be a good place for QRP. Anyone know if the upper part of the band is still used - all the activity seems to be in the 28.3-28.5 portion. The QRP calling frequency - 28.885 - was dead as a doornail. Do any of you monitor that frequency? I seem to remember lots of activity above 28.6, but not anymore.

I'll probably join the 10-10 group now that I worked so many members - maybe they have a QRP section.

73,

Steve, N4EUK
Reston, VA

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: JimN00CT@aol.com
Subject: [1784] 2SC799 Specs
Message-ID: <950717184451_34762247@aol.com>

Can anyone please mail me [not the list, please] specs for the 2SC799 transistor? What I'm interested in is the power dissipation, fT value, max current, input/output capacitance, the usual stuff.

Thanks!

73, N00CT
jimn0oct@aol.com

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [1764] Another RS-12 article available
Message-ID: <1995Jul16.233813.21922@abs.net>

I just got the go-ahead from K7YHA, so I can add another RS-12 article to the ones I wrote. Rich used to write the QRP column in Worldradio, and one month he wrote about RS-12. We later reprinted it in the QRP Quarterly. I have it on disk (since I was the one who typed it into the computer for the QRP Q), and it's now loaded up in the file area of my home BBS, ready to e-mail to anyone who wants to read it. And as I said before, one of these days I'll get around to uploading all of my articles to the ftp area and save myself a lot of work :-)

73 and
Queue Our Pea DE WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ abs.net
E-Mail: Mike.Czuhajewski@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
Subject: [1778] FS: Ten-Tec 509 Transceiver

Ten Tec Argonaut 509; very nice shape both physically and cosmetically. TT-206A Marker Generator, Active CW Filter, and Microphone \$275 shipped to your door.

73,
Mark

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: [1783] Jade products phone nr?
Message-ID: <9507172051.AA10333@royac8.royac.iac.es>

Do any one have a phone nr to Jade products, except
the 1-800-523-3776 wich does not work from here.
Their fax does not want to communicate with my fax.

73 Goran ea8yu hosinsky@royac.iac.es

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: LVE1@inel.gov (Larry East)
Subject: [1768] Logs and QSLs...
Message-ID: <9507171442.AA23513@garnet.inel.gov>

>I have for years adopted the same, sane attitude about DX. Do I have
>qualifications fo DXCC? I *think* so... but there have been SO MANY DX
>contacts that I never filled out a log on, never sent a QSL card out to
>for verification, it's hard to say. QSO's with China and Albania(?) come
>to mind as never been logged. I remember once hearing Albania was the
>rarest of the rare but I worked them quite near the end of the famous
>DX-pedition a year or two ago, and quite by accident, they were calling
>cq, even.

>

>I still find it more THRILLING to work California on 40M at 750mw than
>just about anything else. And I'll take that over a 59QSLQRZ DX contact
>any day.

>

>73 =paul= wb8zjl

>

If you don't log 'em, how do you answer QSLs? Oh... now I get it; you don't
QSL either!!

I, for one, still get a thrill from working some distant part of the world
on 5W or less AND receiving the QSL!

72, Larry W1HUE/7

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: John Foote <footej@hn.va.nec.com>
Subject: [1766] New ham call sign
Message-ID: <9506178059.AA805990431@bills.hn.va.nec.com>

Excuse the bandwidth.

Could someone on the list with the ability to do so, look up a couple of callsigns for me in the FCC's update list?

Both my wife and oldest son passed the Technician requirements last weekend. The group that gave them the test is its own VEC (the Laurel Amateur Radio Club) and apparently that means that they download their test results directly to the FCC computer right after the session on Saturday. I am told if all goes well the resulting callsigns should be in the FCC's database by Monday afternoon, at the latest Tuesday. Wow, is this different from the old days (just a few months ago)!

I'm not to the point that I can cruise the NET in real time and I don't know how to make an E-Mail ftp request. Obviously, I've got to get with it.

The names to look for are as follows:

Janet R. Foote
birthday July 29, 1952
46637 Silhouette Square
Sterling, VA 20164

Matthew I. Foote
birthday July 12, 1983
46637 Silhouette Square
Sterling, VA 20164

Thanks much in advance for your help. They ARE excited, even more so than I imagined they would be. (My wife has already commandeered my 50 watt 2 meter mobile rig for HER car. And Matthew made me make good on my promise to buy him a hand-held 2 meter if he passed the Technician test.)

I still have my hand-held and my ICOM 751A (modified to run 4.5 watts, of course).

72 de KR4GL
John Foote

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [1770] QRP+ Group II Buy
Message-ID: <Pine.A32.3.91j.950717085814.33983A-100000@homer21.u.washington.edu>

This is a general QST for all those interested in the group II buy of the QRP+.

Bruce at Index Labs has put us off for another 2 weeks. Want's to entertain the idea around August 1, 1995.

I need to turn this event over to someone else for August. Any takers?

Stephen Lee
AB7HI

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: JessQRP@aol.com
Subject: [1779] Rockloop antenna and SWL 30 power out.
Message-ID: <950717151411_34599854@aol.com>

I am planning on building the Rockloop antenna that was in the Michigan QRP news letter a whiel back. SOme of the parts called for in the plans are a 100 pf air variable cap and a t-50-2 toroid to make a balun out of. My question is this.

The air variable that I have ia a 200 pf and should work just fine, the toroid is another issue. I am not an expert on toroids, and have no spec sheet on the ones that I have. They are the right size for the T-50-2 but not marked. One is grey and 1/2 inch in diameter, the other is a little smaller and beige or cream colored and a lot heavier. The grey one has no markings and the cream colored one is marked with the numbers 550. In this antenna plan, I am wondering if the material that the toroid is made out of is all that critical. It looks like from the plans that all the toroid id for is to make a 4:1 balun. Any help on this would be greatly appreciated. This antenna is supposed to tune 12-30 meters. Toroids seem hard to come by in this neck of the woods for some reason....And I don't have much of a stash of these.

As far as the power output of the SWL 30 goes that I have, it seems that there has been a minor breakthrough. I hooked it up to a 13.8 power supply last night. I normally run it on a 12 volt gel cell that is about 12.75 volts when charged. It puts out about 1.2 watts when hooked up to the 13.8 power supply. Problem is that the transistor that turns on the sidetone circuit to cut the audio level, Q1 the MPF103 or whatever it is also cooked. I am hoping that this part was part of the problem, and after changing this transistor and hooking it up to a 13.8 supply will help.

I am leaving on Thursday this week to go to southern Colorado to ride the Cumbres and Toltec Steam train (another love and hobby that I cannot afford)

and will be taking a 30 meter and 40 meter CW rig with me. I will have dipoles for these bands and hope to have this rockloop thing together by then to take along as well. Hope to work some of you and will be on the air later in the evenings around 9:00 pm-12:00 pm MDT.

Jess N0TFI

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: joe@westonia.com (Joseph Cooper)
Subject: [1763] SUBSCRIBE QRP-L
Message-ID: <m0sXg7T-0010EeC@gpu.westonia.com>

Joseph Cooper
FAX (416) 423-7782 9:00pm to 5:00pm EDST Monday To Friday Only

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: "John Spoonhower" <spoon@espec.kodak.com>
Subject: [1769] TL082 pin out
Message-ID: <spoon.1156376359A@kodakr.kodak.com>

Dear QRPers,
does anyone out there know the pinout for TI's TL082 op amps?
Thanks in advance for any help...
72, John, kc2du
John Spoonhower
Eastman Kodak Research Laboratories
ATD/MSU
spoon@kodak.com
716-588-6173

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: <CBAILEY@PAMDT.ANG.AF.MIL> (MSgt Cameron C.R. Bailey)

Subject: [1776] re: 10 Meter QRP
Message-ID: <heH8+NPe0kA@PAMDT.ANG.AF.MIL>

This is the best band for QRP. (When solar flux is up). Boy, those were the days when the flux would go above 100. Here QRP can shine when the band is open. QRO and QRP can give the same signal strength! I remember a missionary in Nigeria who kept a weekly sked with a ham in Pennsylvania using a HW-8.

The A and K index was near 0 during your period of operation and the flux went above 90. This has also been a banner year for Es skip as well.

I don't know where to look for activity other than in the Novice/Tech + area. How many QRP'ers monitor 10 meters and where?

72 de cameron, kt3a

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Steven Wilson <randyw@crl.com>
Subject: [1777] Re: 10 Meter QRP
Message-ID: <Pine.SUN.3.91.950717113728.2674B-100000@crl10.crl.com>

Hi Steve, the 10-10 contest came about to promote 10 meters during one of the earlier Sun Spot lows. Watch the 10-10 frequencies and also watch the 10 meter FM channels on the high end of the band. They are easy to monitor and If anything is open you will start hearing them.

Yes 10 meters is a QRP band, one can work the world when open and can not work next door when dead. hi Ground wave is always bad.

hv fun de stan ak0b

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>

Subject: [1780] re: 10 Meter QRP
Message-ID: <9507172048.AA17928@flowerslabs.com>

I must echo the comments of others concerning activity on 10 meters. When the band is open, it doesn't take much power to work all over world. I remember hearing wall-to-wall signals from countless low-powered European stations during the higher activity periods.

But what about periods of lower solar activity? Contrary to what many think, 10 meters can be and often is open to somewhere almost every day. Don't assume the band is dead just because you don't hear anyone as you tune across it. At that same moment others may also be tuning the band and wrongfully coming to the same conclusion. Before you give up on 10 meters, extend your tuning down to around 28,250 khz, and check for signals in the beacon subband. I've found a VK2 beacon from Australia, or a ZS6 beacon from South Africa going strong on a band that appeared to be completely dead. I'll bet someone out there could give us a list of the beacon stations, their frequencies, and power levels. Then we could determine the true condition of the band.

Now for a word concerning the idea of a "calling frequency."

The fact is, once you get above the more active HF bands, the concept of a so-called "calling frequency" is quite different.

On HF, say 40 meters, 7040khz is a really a rallying frequency which we tune around looking for weak signal QRPers. Seldom are contacts established directly on that frequency.

On 10 meters and above, especially on the VHF/UHF bands, a calling frequency takes on its true identity. Because of the lower amount of activity, weaker signals, and poorer propagation at these

bands, the calling frequency provides a single monitoring point for many many stations. In a recent posting, someone mentioned that he had listened to the 10 meter QRP "calling frequency" numerous times and never heard any activity. There are two reasons this might occur. First of all, if everyone just listens, noone will hear anything. Secondly, the reason for a calling frequency is to establish contact and then to move off to another frequency to carry on a QSO.

So, what should you do on the 10 meter calling frequency?

CQ CQ CQ CQ CQ this is ...

Norm, K2NF

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: Greg Hemming <gregh@freenet.mb.ca>
Subject: [1781] re: 10 Meter QRP
Message-ID: <Pine.SUN.3.91.950717145729.17018A-1000000@winnie.freenet.mb.ca>

Hi Cam and All

I'm a great fan of 10 mtrs and usually check 28.060 around 00:00 - 01:00 utc daily. I will also start checking 28.885 around the same time.
I will try a couple cq's over the next few weeks and see what happens.

The Beam is turning south as we speak.

Cheers

72/73

Greg (VE4GH) MIQRP # 1134

internet: gregh@freenet.mb.ca

: 76443.2243@compuserve.com

Snail Mail: Greg Hemming
411 Ralph Ave. West
Winnipeg, Manitoba
R2C 2E8

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [1771] Re: Logs and QSLs...
Message-ID: <Pine.OSF.3.91.950717123436.17380B-100000@saturn.acs.oakland.edu>

On Mon, 17 Jul 1995, Larry East wrote:

> If you don't log 'em, how do you answer QSLs? Oh... now I get it; you don't QSL either!!

A rather inaccurate assumption, Larry! I QSL 100% I just don't go after DX, and since the USA is pretty low on the totem pole of desired DXCC countries, I really doubt the DX station is panting for my card. If I *do* by some miracle get a card that was not logged, they sure will get a QSL card back. But I've really only seen this with DX county hunters.

By the way, I DO keep a pretty good log, and I'm sure the red ink I use for DX contacts will flow once the bands come around again in a couple years. Most of my current log is filled with QRP as well as VHF/UHF SSB/CW contacts. Those grid hunters REALLY go for the cards and it's a LOT more expensive than the buro!

73 =paul= wb8zjl

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: AE4KN@aol.com
Subject: [1767] Re: New ham call sign
Message-ID: <950717094013_34376077@aol.com>

I'll look 'em up in a minute, did you know that you can find them on the World wide Web? That's what i do. It's easier than getting the things from the FCC FTP site. Yes, it is fast. I took my test from the same people at the same place, in Alexandria, right? I got my new advanced call in three

days, and just last month I found my Extra class call in three days. They process upgrades after new licenses, so your family's should be even quicker. By the way, how old is your son? I'm 14.

I'll post the results when I get back in a half-a-day.

73's de AE4KN

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: [1774] Re: New ham call sign
Message-ID: <199507171715.0AA26868@public.compusult.nf.ca>

Hello AE4KN,

Just saw your note and I noticed that you were able to get your Extra at age 14 - Congratulations. I was wondering if you operate much QRP and what I really would like to know is if you have built any of the QRP transceiver kits out there for sale. I bet you a few of the editors of the qrp newsletters on the list here would sure like to hear a perspective of what it's like to build a QRP kit in the eyes (hands) of an Extra Class teen.

Anyway check in once in a while and keep us up to date on what's happening in your qrp ham world.

73 & 72 Bob V01DRB/WA6ERB

>I'll look 'em up in a minute, did you know that you can find them on the
>World wide Web? That's what i do. It's easier than getting the things from
>the FCC FTP site. Yes, it is fast. I took my test from the same people at
>the same place, in Alexandria, right? I got my new advanced call in three
>days, and just last month I found my Extra class call in three days. They
>process upgrades after new licenses, so your family's should be even quicker.
>By the way, how old is your son? I'm 14.

>

>I'll post the results when I get back in a half-a-day.

>

>73's de AE4KN

>

>

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: AE4KN@aol.com
Subject: [1782] Re: New Ham callsign
Message-ID: <950717170616_116818531@aol.com>

Wow! I've never gotten so many NICE e-mail letters! Actually, i just got my extra ticket last week, so I'm not exactly an old-timer; It was only last winter I got my novice license. Yes, I have built some stuff, but nothing big, only the NN1G 40-40 and the Norcal 40-a with some accessories. And, I have to confess that I don't always run QRP, I also have a Ten-Tec Scout running 50 watts; hey, it can be nice sometimes! I'm into DX, that's hard as it is with fifty watts to a loop! By the way though, I made my first QRP DX QSO last night on 40, a T9 in Bosnia.

I still don't know if I can beleive all those stories about the good 'ol days on 10 meters, i don't think I've lived long enough to see anything on 10! Yeah yeah, 'When I was your age, I worked DXCC in a weekend running 1 watt to a bedspring; a plastic bedspring, in the summer, on 160 meters'. Sure.

okay, here's the WWW site for the FCC updates:

<http://www.ualr.edu/doc/hamualr/callsign.html>

It's updated daily from FCC, the updates should be there by a little past noon ET each day. Just fill in all the info besides the call, and press search.

73's, and thanks for the advice on 20 meter antennas. de AE4KN

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
Subject: [1772] Re: TL082 pin out
Message-ID: <Pine.3.89.9507171053.A28487-0100000@mesa5.mesa.colorado.edu>

John,

Pin out on the TL082, TL082A, and TL082B (D, JG, P, PW, or U package) is as follows:

pin 1 -	10UT	pin 5 -	2IN+
pin 2 -	1IN-	pin 6 -	2IN-
pin 3 -	1IN+	pin 7 -	20UT
pin 4 -	Vcc-	pin 8 -	Vcc+

This information was taken from the Texas Instruments "Operational

Amplifiers and Comparators Data Book, Volume A."

Jim Rybak W0KSD

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: dsa@apollo.hp.com
Subject: [1773] Re: TL082 pin out
Message-ID: <199507171703.NAA67924@nss1.CC.Lehigh.EDU>

Forwarded message:

> From: "John Spoonhower" <spoon@espec.kodak.com>
> To: Multiple recipients of list <qrp-1@lehigh.edu>
> Subject: TL082 pin out
> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Low Power Amateur Radio Discussion
> Date: Mon, 17 Jul 1995 11:23:00 EDT
>
> Dear QRPers,
> does anyone out there know the pinout for TI's TL082 op amps?
> Thanks in advance for any help...
> 72, John, kc2du
> John Spoonhower
> Eastman Kodak Research Laboratories
> ATD/MSU
> spoon@kodak.com
> 716-588-6173
>
>

Hi John,

Assuming you're looking for the thru-hole package; How's this?

Pin	Description
===	=====
1	OUT (amp #1)
2	IN- (amp #1)
3	IN+ (amp #1)
4	VCC- (amp #1)
5	IN+ (amp #2)
6	IN- (amp #2)
7	OUT (amp #2)
8	VCC+ (amp #2)

Let me know if you need the pin-out for the FK chip carrier package (TL082M).

From qrp-1@lehigh.edu Mon Jul 17 19:03:00 1995
From: brian.carling@acenet.com (Brian Carling)
Subject: [1765] Re: WV 40 M Beacon
Message-ID: <2a6.36029.500@acenet.com>

From: brian.carling@acenet.com

Faint beeps heard here in MD under the S-9 QRM from Canadian
SSB stations up to their usual mischief in the US CW segment!
This at 1240 UTC Sunday.

AA> My beacon will be running Sunday 8:00 AM - 5:00 PM EDT. Freq will
AA>be 7057 KHz with 500 microwatts output. Beacon msg will be as follows:
AA> VVV VVV VVV 500uW <codeword> de AA4XX/B
AA> The antenna used for this trial will be a simple inverted vee up 50
AA>feet. Y'all come join in the fun! All signal reports are much appreciated.

AA>Paul/QRP

I think that is not /QRP, but rather /QRPppp !
I'll keep trying!

From Gaithersburg, MD

72.9 de AF4K
brian.carling@acenet.com

SLMR 2.1a Ban all skull-drilling, brain sucking abortions!!